

ROBERT SHANE JOHNSON
Acting Director, Office of Nuclear Energy, Science and Technology

Shane Johnson is the Acting Director of DOE's Office of Nuclear Energy, Science and Technology. He was appointed to this position in May 2005, upon the resignation of the prior Director.

In this capacity, Mr. Johnson leads the Department's nuclear energy enterprise, including nuclear technology research and development; management of the Department's nuclear technology infrastructure; and support to nuclear education in the United States.

Mr. Johnson also serves as the Lead Program Secretarial Officer for the Idaho National Laboratory, the Department's lead laboratory for nuclear technology research, development and demonstration.

Since 2000, Mr. Johnson has led the Office's nuclear technology initiatives, serving a key leadership role in the initiation and management of all of the Office's major research and development initiatives, including the Generation IV Nuclear Energy Systems Initiative, the Advanced Fuel Cycle Initiative, and the Nuclear Hydrogen Initiative. In 2004, Mr. Johnson was promoted to the position of Deputy Director for Technology, where his responsibilities also include management of the Nuclear Power 2010 program and initiatives aimed at strengthening university nuclear science and engineering programs in the United States.

Mr. Johnson serves a central role in the Department's efforts to reassert U.S. leadership in nuclear technology development. He led the formation of the *Generation IV International Forum* (GIF), an international collective of ten leading nations and the European Union's Euratom, dedicated to developing advanced reactor and fuel cycle technologies. He leads the Office's international cooperation activities, including establishment of cooperative research agreements with other countries and the development by the GIF of the Generation IV technology roadmap, which resulted in the selection of six promising reactor and fuel cycle technologies by the GIF for future development efforts. Mr. Johnson currently serves as the acting chairman of the GIF, pending election of a permanent chairman, and has served as the U.S. representative to the policy committee since 2001.

Mr. Johnson has over twenty years of relevant management and engineering experience within Government and industry. Prior to joining DOE, Mr. Johnson was employed for 5 years by Duke Power Company and Stoner Associates, Inc. where he was responsible for performing engineering studies for nuclear, natural gas, and water utilities.

Mr. Johnson received his B.S. degree in Nuclear Engineering from North Carolina State University and his M.S. degree in Mechanical Engineering from Pennsylvania State University. He is a licensed professional engineer.